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**NAME:** Mail Stop: Amendment; Group Art Unit: 1764  
Examiner Thuan D. Dang  
United States Patent and Trademark Office

**FAX:** (703) 872-9306

**FROM:** Rodney B. Carroll

**DATE:** October 22, 2004

**RE:** U.S. Patent Application Serial No. 10/056,137  
Filing Date: January 24, 2002  
Atty Docket: 4081-01701 (09/660,450US1)  
Amendments and Response to Office Actions of April 14, 2004  
And September 24, 2004 (10 pages)

Total Number of Pages (Including Cover Page): 11

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Atty Docket: 4081-01701  
(09/660,450US1)

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Patent

OCT 22 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Brooke L. Small, et al.

Serial No.: 10/056,137

Filed: January 24, 2002

For: LINEAR ALPHA-OLEFIN DIMERS POSSESSING  
SUBSTANTIAL LINEARITY

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Group Art Unit: 1764

Examiner: Thuan D. Dang

Confirmation No. 3174

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*Edith S. Shek*  
Edith S. Shek

AMENDMENTS AND RESPONSE TO  
OFFICE ACTIONS DATED APRIL 14, 2004 AND SEPTEMBER 24, 2004

Sir:

In response to the Office Actions dated April 14, 2004 and September 24, 2004, with respect to the above-identified application, Applicants respectfully request the following amendments to the above-identified application as follows. The changes made are shown by underlining the added text and striking through the deleted text.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.